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EXAMINER

CHOW, CHARLES CHIANG

ART UNIT	PAPER NUMBER
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2685

DATE MAILED: 08/27/2003

12

Please find below and/or attached an Office communication concerning this application or proceeding.

Gray

**Office Action Summary**

Application No.

09/652,793

Applicant(s)

GINIGER ET AL.

Examiner

Charles Chow

Art Unit

2685

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 May 2003 and 30 May 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 3,4,8-14,16-23 and 48-86 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 3,4,8-14,16-23 and 48-86 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_. 6) ☐ Other: \_\_\_\_\_

**Office Action for  
Applicant's Amendment  
(5/14/2003 and 5/30/2003)**

1. Regarding applicant's amendment, supplemental amendment, and adding new claims 55-86, based on the no teaches for the means for sending present position information and the selection signal over a bi-directional wireless link, and means for receiving position related information; the position reporting enabling unit configured to selectively enable and disable the transmission of position information while mobile communication device is operational (applicant's remark page 18), the ground of rejections has been changed to include Tendler (US 2002/0068,549 A1).

Regarding the means for sending present position information and the selection signal over a bi-directional wireless link, and means for receiving position related information, Tendler teaches the wireless phone for location based service request system for requesting of information local gasoline stations, movie theaters, food/drug store CVS, AAA office, golf place, with location coordinates included in the requesting message along with the requesting information (abstract, figure in cover page; Fig. 1-3; [0001]; [0005] to [0020]; [0025] to [0029]), having GPS receiver/GPS engine 16, for the claimed sending present position information and selection signal over a bi-directional wireless link (the bi-directional transmitting and receiving means, in Tendler's claims 1-7, claims 12-15). Tendler teaches the operator's enabling/disabling buttons 36, 38, 40, 42, 44 for the above listed user interested information of plurality of topics for local gasoline stations, movie theaters, food/drug store CVS, AAA office, golf place.

Regarding the position reporting enabling unit configured to selectively enable and disable the transmission of position information while mobile communication device is operational, Tendler teaches the service buttons can be depressed for automatically initiating the location report with coordinates and dialing the predetermined number for service request (abstract, [0028] to [0029]), as the claimed position reporting enabling for selectively enable and disable the transmission of position information while mobile device is operational, the operator can depress the button.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 3-4, 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ohta et al. (US 5,025,261) in view of Delorme et al. (US 5,802,492), and further in view of Tendler (US 2002/0068,549 A1).

Regarding **claim 3**, Ohta discloses a mobile communication device (vehicle 10, Fig. 1, Fig. 2a, abstract) for communication with a server (key station 20, Fig. 1, Fig. 2b, abstract) over communication network (network and system in Fig.1; the 800-900 MHz in col. 5, lines 37-39; the vehicle 10 comprises the radio transceiver 105 and 105 could be portable telephone,

Art Unit: 2685

MCA personal transceiver, col. 4, lines 18-26). Ohta discloses the mobile object determines the current position, transmits position data to key station, and receiving database retrieved map data information from key station (abstract).

Ohta discloses the receiver configured to receive position signals (GPS receiver 102, Fig. 2a). Ohta discloses the processor coupled to said receiver (Fig. 2a, it shows the coupled signal-composition-circuit 107, image processing unit 110, the comparator 108, and the identification signal generator 103, the GPS receiver 102 coupled to 104, 109) for responding to the position signals to determine position information indicative of a present position of the mobile communication device (abstract, and details in col. 9, lines 19-37).

Ohta discloses a modulator/demodulator (signal composition circuit 104/signal separation circuit 107, Fig. 2a) configured to transmit the position information signal to server (key station) over the communication network (as shown above) to receive position related information from the server (as shown above), wherein the position related information (map data) is a function of the position information. Regarding the selection signal, referring to Delorme below.

Ohta does not clearly indicate the input device and the operator selection.

Delorme teaches input device configured to receive from an operator selection signal indicative of a topic of interest (the input from the keyboard 110, col. 12, line 33; for the computer aided routing and positioning system, col. 12, lines 22-41; col. 12, line 60 to col. 13, line 4). The position related information, point-of-interest POI, displayed on screen is for

Art Unit: 2685

user to select the POI in abstract, Fig. 1b-1D; col. 15, lines 61-67; col. 16, lines 26-30; col. 16, lines 44) using GPS system (col. 5, line 9; col. 12, line 37) for obtaining the current vehicle position (abstract). Beside, Delorme's input device could be the voice recognition system (col. 12, lines 57-60). Delorme's point-of-interest information for the current vehicle position could be the restaurants, hotel, cities, municipalities, airport, hospital, zoos, museums (col. 8, lines 13-21), and the computer could be portable laptop, or personal digital assistant PDA (col. 12, line 57 to col. 13, line 4).

Delorme also teaches the driver in the vehicle on the road for browse the position related information for restaurant in Seattle (col. 17, line 66 to col. 18, line 9). Delorme teaches the retrieved menu from system is displayed for user to select the POI using buttons (Fig. 1B-1D, col. 16, lines 24-44). The position related information is a function of the vehicle current position for a restaurant in Seattle. It would be obvious to include Delorme's input device to allow user to select the POI for the received menu, to Ohta, such that the system could be upgraded to allow user to select the desire point-of-interest based on the current vehicle location. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify Ohta, and to include Delorme's input keypad/button and POI selection for the received menu, to Ohta as modified above, such that system could be upgraded to allow user to select the point-of-interest based on the current location.

Regarding the amended portion, the means for sending present position information and the selection signal over a bi-directional wireless link, and means for receiving position related information,

Art Unit: 2685

Tendler teaches the wireless phone for location based service request system for requesting of information local gasoline stations, movie theaters, food/drug store CVS, AAA office, golf place, with location coordinates included in the requesting message along with the requesting information (abstract, figure in cover page; Fig. 1-3; [0001]; [0005] to [0020]; [0025] to [0029]), having GPS receiver/GPS engine 16, for the claimed sending present position information and selection signal over a bi-directional wireless link (the bi-directional transmitting and receiving means, in Tendler's claims 1-7, claims 12-15). Tendler teaches the operator's enabling/disabling buttons 36, 38, 40, 42, 44 for the above listed user interested information of plurality of topics for local gasoline stations, movie theaters, food/drug store CVS, AAA office, golf place.

Regarding the position reporting enabling unit configured to selectively enable and disable the transmission of position information while mobile communication device is operational, Tendler teaches the service buttons can be depressed for automatically initiating the location report with coordinates and dialing the predetermined number for service request (abstract, [0028] to [0029]), as the claimed position reporting enabling for selectively enable and disable the transmission of position information while mobile device is operational, the operator can depress the button. Tendler teaches a cost effective efficient technique for requesting the user interested information from service provider by including the present position information in the requesting message, such that the user requested information can be efficiently provided by the service provider, according to the received position coordinates in the requesting message. Therefore, it would have been obvious to one of ordinary skill in the art at the time

Art Unit: 2685

of invention to modify Ohta above, and to include Tendler's location based service, such that the user requested information can be efficiently provided by the service provider, according to the received coordinates from user's requesting message.

Regarding **claim 4**, referring to examiner's comment from Delorme above, from the plurality of point-of-interest POIs (abstract). Besides, Tendler also teaches the plurality of topics of interest as shown above.

Regarding **claim 8**, referring to examiner's comment from Delorme for the alphanumeric keypad input entry device.

3. Claims 9-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ohta in view of Delorme, Tendler, as applied to claim 3 above, and further in view of Khamis et al. (US 5,930,729).

In the above, it does not clearly indicate the DTMF.

Regarding **claim 9**, Khamis teaches a dual tone multiple frequency DTMF generator 161 (Fig. 4B) responsive to the alphanumeric entry to supply a DTMF selection signal to said modulator/demodulator (mixer 155, the demodulator mixer amp 182, in Fig. 4B). It would be obvious to include Khamis's DTMF conversion for the cellular phone, to Ohta's above, such that Ohta's system could be upgraded by efficiently using the available DTMF for encoding/decoding the alphanumeric input. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify Ohta above, and to include



Art Unit: 2685

Khamis' DTMF generator for encoding/decoding, such that the system could be upgraded for encoding/decoding the alphanumeric input.

Regarding the amended portion for means for sending, referring to Tendler above.

Regarding **claim 10, 11**, referring to examiner's comment from Delorme above for the voice recognition system (col. 12, lines 57-58), the microphone coupled to the modulator (Khamis, Fig. 8) for transmitting audio signal to the server, and the microphone input, the voice recognition system for user selection of the POI from Delorme.

Regarding the amended portion in claim 10, referring to Tendler above, for the means for sending, and the bi-directional wireless link.

4. Claims 12-14, 16-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ohta in view of Delorme, Tendler, as applied to claim 3 above, and further in view of Morimura et al. (US 5,438,695).

In the above, it does not clearly indicate the microphone isolation circuit.

Regarding **claim 12**, Morimura teaches the microphone isolation circuit configured to disconnect an output of said microphone from said mod./demod. during reception (the cellular telephone used in the transceiver on/off operation having the microphone switch 16, ear receiver switch 15, for controlling (Fig. 3, steps 155, 157) the audio from microphone 18, to ear receiver 17 (speaker), to avoid the disruption to the ongoing voice conversation during

Art Unit: 2685

the battery change. It would be obvious to include Morimura's switch control for the microphone/ear speaker to the cellular communication device to Ohta system, such that Ohta's system would provide better voice transmission/receiving control, alike the regular push-to-talk device, the voice signal could avoid the interruption due to the transmission, receiving operation. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify Ohta above, and to include Morimura's switches 16/15 for controlling microphone/ear speaker, such that the voice signal could avoid the interruption due to the transmission, receiving operation.

Regarding the reception of the position related information, referring to claim 3 above.

Regarding the amended portion for means for sending, referring to Tendler above.

Regarding **claim 13**, referring to examiner's comment from Delorme for the audio output speaker 107 as shown in col. 13, line 62 to col. 14, line 4.

Regarding **claim 14**, referring to examiner's comment from Morimura for the speaker isolation circuit (switch 15 for ear receiver-speaker to isolate the speaker 17 from emanating).

Regarding **claim 16**, referring to examiner's comment in claim 3 above for the modulator/demodulator, the wireless network, analog phone of 800-900 MHZ, MCA personal transceiver.

Regarding **claim 17**, referring to examiner's comment in claim 3 above for PDA of the digital wireless telephone (col. 12, lines 62-65 from Delorme).

Art Unit: 2685

Regarding **claim 18**, referring to examiner's comment in claim 3 above for the laptop computer (col. 12, line 65 from Delorme).

Regarding **claims 19, 20, 21, 22**, referring to examiner's comment from Delorme (col. 6, lines 10-19) that the received point of interest information could be audio, text, image, video signal.

5. Claim 23 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ohta in view of Delorme, Tendler, as applied to claim 3 above, and further in view of Thompson (US 5,109,399).

In the above, it does not clearly indicate the emergency response and forward position information.

Regarding **claim 23**, Thompson teaches the mobile comm. device is configured to send an emergency response to the server to cause the server to forward the position information to an emergency response system (the emergency call locating system, title; the displaying of the caller's location; the interface to private network, abstract, Fig. 4 with position related information, swimming pool, gasoline tank, C & O railroad). In col. 1, line 63 to col. 2, line 14, Thompson considers the map information could be distributed by serving operator, to other appropriate emergency service agencies, such as police, fire, or medical department, for a quick, positive rescue. It would be obvious for including Thompson's emergency locating of the caller and redistribute the map to other proper agencies, to Ohta, such that Ohta's system could efficiently sending the emergency location information to the

Art Unit: 2685

appropriate agencies for help. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify Ohta above, and to include Thompson's emergency response to send current mobile position to proper agencies, such that system could efficiently provide the help according to the emergency location.

Regarding the amended portion for the destined for an emergency response system, referring to Tendler's 911 call.

6. Claims 48-53 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ohta in view of Delorme, Tendler, Thompson, as applied to claim 23 above, and further in view of Emmons (US 5,703,598), and Grimes (US 5,479,482).

Regarding **claim 48** referring to examiner's comment in claim 3 for the associated receiver; the process; the modulator/demodulator, and the position report.

In the above, it does not include the enabling, disabling the position reporting.

Regarding **claim 49**, Emmons teaches the position reporting enabling unit is an enable/disable switch (the timer 24 for controlling the switch circuit for enabling/disabling of the GPS receiver/transmitter for transmitting current location for the stolen vehicle or other property, abstract, front figure, col. 1, lines 4-10). Emmons considers the GPS transmitter is disabled by timer, but may be enabled by a subsequent signal from the central station with for additional period of time (col. 1, lines 58-63). It would be obvious to include Emmons' timer for automatic controlling of the GPS receiver/transmitter, to Ohta, such that

Art Unit: 2685

the system could be upgraded with the automatic timer control for enabling/disabling of the GPS receiver/transmitter with efficiency. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify Ohta above, and to include Emmons' timer 24/switch 22 for automatic controlling of the GPS receiver/transmitter, such that that the system could be upgraded with the automatic timer control for enabling/disabling of the GPS receiver/transmitter with efficiency.

Regarding the amended portion, an enable/disable switch on the mobile comm. device, Grimes teaches the cellular terminal 133 (figurer in cover page) has the location button 307 for user to select to activate, de-active, the transmission of the location information, either in voice or in digital form (abstract; col. 13, lines 56-61; col. 16, lines 12-17) for the cellular terminal's emergency call to transmit the location information (abstract, summary of invention). It would be obvious to include Grimes' location button 307, to Ohta, such that the user could have the activate or deactivate the location switch for transmission of the location information. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify Ohta and to include Grimes' location button 307, to Ohta as modified above, such that the system could be upgraded such that user could have the option to activate or deactivate the location switch for transmission of the location information.

Regarding **claim 50**, referring to examiner's comment in claim 7 for the periodically determining, the refresh interval.

Regarding **claim 51**, referring to examiner's comment from Emmons for the position

Art Unit: 2685

reporting could be also enabled by central station to reset, override the refresh interval, as shown above, the central station could enable the GPS receiver/transmitter by a subsequent signal for additional period of time, as a reset override interval (col. 1, lines 58-63).

Regarding **claim 52**, referring to examiner's comment in claim 5 above, for the GPS receiver.

Regarding **claim 53**, referring to Grimes above for the based upon mobile user's input for selectively enables and disables the transmission of the position information, by using the location button 307 for the cellular terminal user.

7. Claims 54-57 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ohta in view of Delorme, Tendler, as applied to claim 3 above, and further in view of Smith, Jr. et al. (US 5,774,827).

In the above, it does not clearly indicate the transmitting, receiving, the communication signal, from/to, user interface.

Regarding **claim 54**, Smith teaches the portable device 12 (figure in cover page, abstract) transmitting its current position information, for obtaining the current traffic information at different location such that the user could choose, select, the system responded information 3 options (Fig. 2, the 35 minutes, 42 minutes, 25 minute) for selecting the commuter travel route path provided by the system. The user interface is shown in Fig. 2, item 16 for displaying the selection list of three different transit time information (Fig. 1-4, col. 2, lines 8-27; col. 2, line 55 to col. 3, line 9; col. 3, lines 36-48; col. 4, lines 33-37). Thus, it is

Art Unit: 2685

obvious Smith teaches the transmitting, receiving, from the modulator/demodulator of the portable 12 with the user's selection of the commute time (35 min., 42 min. 25 min.) and user interface for displaying the received communication signals for the commuter route path (Fig. 3) to user via display 42. It would be obvious, if not inherent, to include Smith's user interface to select the commute time for transmitting, and receiving the commute route path displayed on the display 42, based on the position and current traffic information, to Ohta, such that the user could communicate with system via the user interface. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify Ohta, and to include Smith's user interface to select the commute time for transmitting, and the receiving the commuter path route displayed on the display 42, based on the position and current traffic information, to Ohta as modified above, such that the user could communicate with system using the user interface.

Regarding **claim 55**, referring to Tendler's GPS receiver and receiver of the wireless cellular telephone. Referring to Tendler's processor CPU 104 (Fig. 3) coupled to GPS 16 to determining of the present position information of the mobile wireless cellular telephone.

Regarding **claim 56**, referring to Tender above for the receiver is a GPS receiver in [0023] and [0025].

Regarding **claim 57**, referring to Tendler latitude, longitude coordinates in abstract, [0013], and in his claim 5.

Art Unit: 2685

8. Claims 58-59 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ohta in view of Delorme, Tendler, as applied to claim 3 above, and further in view of Wang et al. (US 5,365,451)

In the above, it does not indicate clearly enough for the details of periodically update in the network.

Regarding **claim 58**, Wang et al. (also as Wang in below) teaches the processor periodically determines the position information from position signals received (abstract, Fig. 1-9) by said receiver (receiver in mobile 16, Fig. 2) and said modulator/demodulator periodically transmits the position information to the server (the mobile unit determine their current locations from GPS satellite, front figure, Fig. 1, abstract; the repetitively determine their current location in a regular schedule; the update location data maintain in the network, in abstract; col. 1, lines 9-12; col. 9, line 54 to col. 10, line 5). The comparing time stamp and transmit current location (Fig. 6, steps 102, 104, 79). It would be obvious to include Wang's repetitively updating and determining the current position and update the position information maintain in the network, such that the system could maintain the most updated position information for providing the efficient service. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify Ohta above, and to include Wang's determining current position, and update the position information maintain in the network, such that system could maintained the most updated position information for providing the efficient service.



Art Unit: 2685

Regarding **claim 59**, referring to examiner's comment in claim 58 above for the periodically update with a refresh interval using Wang's time stamp step 102, 104.

9. Claims 60-86 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ohta in view of Delorme, Tendler, Khamis, Morimura, Thompson, Emmons, Grimes, Smith, and further in view of Wang-'451.

Regarding **claim 60**, referring to Tendler above for the output means for providing the position related information to mobile user, from GPS engine 16.

Regarding **claim 61**, referring to Tendler above for the position reporting enabling unit from the buttons 36-44 configured to selectively dial predetermined number for transmitting positioning information while wireless cellular telephone 10 is operational in the handsfree cradle 20.

Regarding **claim 62**, referring to Tendler above for the input device, buttons 36-44, for receive selection signals, for sending selection signals.

Regarding **claims 63, 64**, referring to claim 18 above for the portable computer and the portable lap top computer.

Regarding **claim 65**, referring to claim 3 above for: the method of receiving position related information for requesting user interest information for movie theaters, CVS location, golf place; the supplying selection signal from one of the button 36-44; the sending present position information; the receiving over the bi-directional wireless link position related information is a function of the present position and selection signal.

Art Unit: 2685

Regarding **claim 66**, referring to claim 3 above for the receiving position signal, the processing the position signal from GPS engine.

Regarding **claim 67**, referring to Tendler for the receiving at wireless cellular telephone 10 of the position information from GPS receiver, GPS engine 16, for the present position information comprising position signal.

Regarding **claim 68**, referring to claims 3, 65 above for: the input button device; the means for sending selection signal; means for providing the position related information.

Regarding **claim 69**, referring to claims 3, 65 above for: the supplying a selection signal; the sending a selecting signal; the receiving over the bi-direction link.

Regarding **claim 70**, referring to claim 3, 63 above for the means for establishing bi-directional link; means for sending present position information of the mobile comm. device; the means for receiving position-related information for movie theater, CVS, golf place.

Regarding **claim 71**, referring to claims 3, 62, 70 above for claimed features.

Regarding **claim 72**, referring to claims 3, 55, 70 above for the claimed features.

Regarding **claim 73**, referring to claims 3, 56, 70 above for the GPS receiver.

Regarding **claim 74**, referring to claims 3, 60, 70 above of a receiver configured to receive position signals, having present information comprised the position signals.

Regarding **claim 75**, referring to claims 3 above for the input device, buttons 36-44; the indicative of the user selected topic; the means for sending the selection signal over bi-directional link; the position related information is function of the selection signal.

Regarding **claim 76**, referring to claims 3, 13, 76 above for the plurality of topics of interest.

Regarding **claim 78**, referring to claims 3, 16, 70 above for the analog wireless telephone.

Art Unit: 2685

Regarding **claim 79**, referring to claims 3, 17, 70 above for the digital wireless telephone.

Regarding **claims 80, 81**, referring to claims 3, 18, 70 above for the laptop computing device, and portable computing device.

Regarding **claim 82**, referring to claims 3, 19, 70 for the position related information including of the audio signals.

Regarding **claim 83**, referring to claims 3, 20, 70 for the position related information including of the text signal.

Regarding **claim 84**, referring to claims 3, 21, 70 for the position related information including of the image signals

Regarding **claim 85**, referring to claims 3, 22, 70 for the position related information including of video signals.

Regarding **claim 86**, referring to claims 3, 23, 70 for the bi-directional wireless communications link an emergency response request destined for an emergency response system.

***Response to Arguments  
And  
Conclusion***

10. Applicant's arguments with respect to claims 3-4, 8-14, 16-23, 48-86 have been considered but are moot in view of the new ground(s) of rejection.

Regarding applicant's argument based on the no teaches for the means for sending present position information and the selection signal over a bi-directional wireless link, and means for receiving position related information; the position reporting enabling unit configured to selectively enable and disable the transmission of position information while mobile

Art Unit: 2685

communication device is operational (applicant's remark page18), the ground of rejections has been changed to include Tendler (US 2002/0068,549 A1).

Regarding the means for sending present position information and the selection signal over a bi-directional wireless link, and means for receiving position related information, Tendler teaches the wireless phone for location based service request system for requesting of information local gasoline stations, movie theaters, food/drug store CVS, AAA office, golf place, with location coordinates included in the requesting message along with the requesting information (abstract, figure in cover page; Fig. 1-3; [0001]; [0005] to [0020]; [0025] to [0029]), having GPS receiver/GPS engine 16, for the claimed sending present position information and selection signal over a bi-directional wireless link (the bi-directional transmitting and receiving means, in Tendler's claims 1-7, claims 12-15). Tendler teaches the operator's enabling/disabling buttons 36, 38, 40, 42, 44 for the above listed user interested information of plurality of topics for local gasoline stations, movie theaters, food/drug store CVS, AAA office, golf place.

Regarding the position reporting enabling unit configured to selectively enable and disable the transmission of position information while mobile communication device is operational, Tendler teaches the service buttons can be depressed for automatically initiating the location report with coordinates and dialing the predetermined number for service request (abstract, [0028] to [0029]), as the claimed position reporting enabling for selectively enable and disable

Art Unit: 2685

the transmission of position information while mobile device is operational, the operator can depress the button.

In view of the disclosures above, claims 3-4, 8-14, 16-23, 48-86 are remaining in the rejection manner.

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Chow whose telephone number is (703)-306-5615.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (703)-305-4385.

Any response to this action should be mailed to:

Art Unit: 2685

Commissioner of Patents and Trademarks

Washington, D.C. 20231


or faxed to: (703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,  
Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or  
proceeding should be directed to the Technology Center 2600 Customer Service Office  
whose telephone number is (703) 306-0377.

Charles Chow

August 11, 2003.

  
8/21/03

NGUYEN T. VO  
PRIMARY EXAMINER